

In the Claims:

- 1 1. (Original) A cellular wheel sluice constructed as a blow
2 through sluice, particularly for dosing secondary fuels,
3 comprising a supply chute (2) and therebelow a horizontally
4 arranged cellular wheel (4) provided with radial cellular
5 webs (3), which comprises blow-in (10) and blow-out holes
6 (11) arranged in the housing below the axis of the cellular
7 wheel within the rotational area of the cellular wheel webs
8 (3) and positioned opposite each other in facing sides of
9 the housing, characterized in that an injection nozzle (15)
10 is integrated in the area of the blow-in hole (10), said
11 injection nozzle blowing transport air into the dosing
12 chambers (5) formed by the cellular wheel webs (3), and in
13 that the cellular wheel webs (3) comprise gap seals (12)
14 hard as metal and positioned in their radial end zones.
- 1 2. (Original) The cellular wheel sluice of claim 1,
2 characterized in that the injection nozzle (15) is set-in
3 coaxially and inwardly in a blow-in pipe socket (16)
4 secured to the blow-in hole (10), said injection nozzle
5 causing a reduction of the blow-in cross-section in the
6 area of the blow-in opening (10) relative to the blow-in
7 pipe cross-section.

Claims 3 to 9 (Canceled).